

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|--------------------|------------------|---------|---------------------|
| S1    | 1      | 10/581089.app.   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>12:46 |
| S2    | 255    | 359/3.cor.   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>13:48 |
| S3    | 192    | S2 and @ad<"20041118"  | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>13:49 |
| S4    | 2      | S3 and (record\$3 with spacer)   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:19 |
| S5    | 151187 | ((optical or record\$3 or laser) near5 (media or medium or dis\$2)).ti,ab,clm. | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:21 |
| S6    | 119556 | S5 and @ad<"20041118"  | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:21 |
| S7    | 754    | S6 and (volume near2 (hologram or holograph\$2))                               | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:22 |
| S8    | 550    | S7 and parallel\$4   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:22 |
| S9    | 131    | 359/35.cor.  | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:26 |
| S10   | 0      | 428/53.ccls. and (volume near5 (hologram or holograph\$2))                     | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:30 |
| S11   | 0      | (428/54-56).cor. and (volume near5 (hologram or holograph\$2))                 | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:34 |
| S12   | 0      | (428/57-62).cor. and (volume near5 (hologram or holograph\$2))                 | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:35 |
| S13   | 0      | (428/64.8-64.9).cor. and (volume near5 (hologram or holograph\$2))             | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:35 |
| S14   | 0      | (428/66.4).cor. and (volume near5 (hologram or holograph\$2))                  | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:35 |
| S15   | 0      | (428/70).cor. and (volume near5 (hologram or holograph\$2))                    | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:35 |
| S16   | 34     | S7 and (uneven\$4 or un\$2even\$4 or ("not" adj even\$4))                      | US-PGPUB;<br>USPAT | OR               | ON      | 2008/06/12<br>14:36 |

|     |      |   |                        |    |    |                  |
|-----|------|---|------------------------|----|----|------------------|
| S17 | 30   | ("4415224"   "4540247"   "4840443").PN. OR ("5064258").URPN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/12 14:53 |
| S18 | 0    | "56164301".pn.  | JPO                    | OR | ON | 2008/06/12 15:12 |
| S19 | 0    | "56-164301".pn.   | JPO                    | OR | ON | 2008/06/12 15:12 |
| S20 | 0    | "56164301"  | JPO                    | OR | ON | 2008/06/12 15:12 |
| S21 | 0    | "56-164301"   | JPO                    | OR | ON | 2008/06/12 15:12 |
| S22 | 61   | S7 and (smooth or smoothen\$3)  | US-PGPUB; USPAT        | OR | ON | 2008/06/12 15:23 |
| S23 | 126  | S7 and (relief)   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 15:33 |
| S24 | 12   | S7 and (relief).ab.   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 15:33 |
| S25 | 1    | "4458974".pn.   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:12 |
| S26 | 1    | "4458977".pn.   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:12 |
| S27 | 2    | ("01231082" "05281895").pn.   | JPO                    | OR | ON | 2008/06/12 18:15 |
| S28 | 0    | S7 and (spacer with surround)   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:38 |
| S29 | 0    | S7 and (spacer same surround)   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:38 |
| S30 | 117  | S7 and (spacer)   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:38 |
| S31 | 1    | S7 and (spacer with surround\$3)  | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:38 |
| S32 | 5347 | S6 and (hologr\$7)  | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:39 |
| S33 | 1610 | S6 and (hologr\$7).ab.  | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:40 |
| S34 | 2    | S33 and (spacer with surround\$3)   | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:40 |
| S35 | 0    | S33 and (spacer with (constain\$3 or encompass \$3))  | US-PGPUB; USPAT        | OR | ON | 2008/06/12 18:45 |
| S36 | 10   | (US-20020150825-\$ or US-20070013981-\$ or US-20030124435-\$).did. or (US-5064258-\$ or US-6413680-\$ or US-4733065-\$ or US-4458977-\$ or US-3897995-\$).did. or (JP-01231082-\$ or JP-05281895-\$).did. | US-PGPUB; USPAT; JPO   | OR | ON | 2008/06/12 19:06 |

|     |   |                     |                         |    |    |                     |
|-----|---|---------------------|-------------------------|----|----|---------------------|
| S37 | 5 | S36 and silicon\$2  | US-PGPUB;<br>USPAT; JPO | OR | ON | 2008/06/12<br>19:07 |
| S38 | 1 | "3996187".pn.       | US-PGPUB;<br>USPAT; JPO | OR | ON | 2008/06/12<br>19:55 |
| S39 | 1 | jp-01231082-\$ did. | DERWENT                 | OR | ON | 2008/06/12<br>21:03 |
| S40 | 1 | 1989-313020.NRAN.   | DERWENT                 | OR | ON | 2008/06/12<br>21:04 |

6/13/2008 2:59:25 PM

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\10581089Mizushima\_Tetsuro.wsp